

Amendments to the Drawings:

The sheet of drawings attached in the Appendix includes new Figures 1-5 per the Examiner's request. Figures 1-5 depict the features of the claims. No new matter has been added.

REMARKS

Claims 19-28 are pending in the application. Claims 1-18 have been canceled without prejudice or disclaimer. Claims 19-28 have been newly added. Support for the claims can be found at least on page 3, line 19 to page 6, line 23; and on page 43, line 23 to page 45, line 18. Editorial revisions have been made to the specification to correct formal and typographical errors. Figures depicting the features of the claims, which are fully described in the original specification have been added per the Examiner's request. No new matter has been added. Applicant respectfully requests reconsideration and allowance of claims 19-28.

Objections to the Figures

Figures 1-5 have been newly added per the Examiner's request. Figures 1-5 depict the features of the claims. Support for the figures can be found at least on page 3, line 19 to page 6, line 23; and on page 43, line 23 to page 45, line 18. Applicant asserts that the figures are inherent to one of ordinary skill in the art based upon the enabling written specification as originally filed. No new matter has been added. Applicant respectfully requests that the objection to the figures be withdrawn.

Objections to the Specification

Editorial revisions have been made to the specification to correct formal matters and to provide reference to new figures 1-5. Support for these amendments can be found at least on page 3, line 19 to page 6, line 23; and on page 43, line 23 to page 45, line 18. No new matter has been added. Applicant respectfully submits that appropriate correction has been made to the specification and request that the objection be withdrawn.

Claim Rejections

Claims 1-18 have been rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Claims 1-18 have been cancelled without prejudice or disclaimer, thereby rendering the rejection moot.

Claims 1-3 have been rejected under 35 U.S.C. § 101 as being directed towards non-statutory subject matter. Applicant respectfully traverses the rejection. In order to expedite prosecution and the receipt of a Notice of Allowance, however, claims 1-3 have been cancelled without prejudice or disclaimer. The rejection, therefore, is moot.

New Claims 19-28

Claims 19-28 have been newly added. Independent claims 19, 27, and 28 include a computer implemented process, a system including a processor and memory, and a computer readable medium containing computer code programmed for execution on multiple threads, respectively. Claims 19-28, therefore, are directed to statutory subject matter. Applicant respectfully requests examination and allowance of claims 19-28.

Claims 1-18 were indicated as being allowable if rewritten to overcome the rejections under 35 U.S.C. § 101 and § 112. Applicant thanks the Examiner for the indication of allowable subject matter. Applicant assets that new claims 19-28 overcome the § 101 and § 112 rejections of claims 1-18 and are in condition for allowance.

In view of the above amendments and remarks, Applicant respectfully requests a Notice of Allowance. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,



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